

**CLAIMS**

*Sub A1*

1. A method of enabling navigation of a directory, including:  
printing a document containing a list of directory entries corresponding to at  
5 least one node of an index of the directory, with at least one user interactive element  
which enables a user to indicate a request for further directory information by interacting  
with the element using a sensing device which is adapted to transmit request data to a  
computer system; and  
printing the further directory information on a document.

10 2. A method as claimed in claim 1, wherein the further directory information  
includes a list of entries corresponding to at least one further node of the index.

15 3. A method as claimed in claim 2, wherein interacting with the at least one user  
interactive element corresponds to an operation of moving to one of a first, previous,  
next or last node in the index.

20 4. A method as claimed in claim 2, wherein the further directory information is  
printed on a double-sided page.

5. A method as claimed in claim 1, wherein the further directory information  
includes a list of further nodes in the directory index.

25 6. A method as claimed in claim 5, wherein interacting with the at least one user  
interactive element corresponds to an operation of moving to one of a parent, child or  
root node of the index.

7. A method as claimed in claim 1, wherein the at least one user interactive

element facilitates searching of the directory.

8. A method as claimed in claim 1, including using the sensing device to select an individual entry in the list, the selection being identified in the computer system to 5 facilitate printing of details of the corresponding index node or directory object.

9. A method as claimed in claim 1, wherein the document includes coded data indicative of an identity of the document and of the at least one interactive element, and wherein the method includes receiving, in the computer system, indicating data from the 10 sensing device regarding the identity of the document and a position of the sensing device relative to the document in order to identify the document and determine when the sensing device is used to interact with the element.

*Sub a2*  
15 10. A method as claimed in claim 9, including receiving, in the computer system, movement data regarding movement of the sensing device relative to the document.

*Sub c*  
11. A method as claimed in claim 10, including the sensing device sensing its movement relative to the document using the coded data, and identifying the request in the computer system from the movement being at least partially within a zone associated 20 with the interactive element.

*Sub a3*  
12. A method as claimed in claim 9, wherein the document is printed on a surface of a surface defining structure at the same time as the coded data is printed on the surface.

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13. A method as claimed in claim 9, which includes printing the coded data to be substantially invisible in the visible spectrum.

14. A method as claimed in claim 9, including retaining a retrievable record of the printed document, the document being retrievable using the identity data as contained in the coded data.

*Subj*  
5 15. A method as claimed in claim 1, wherein the sensing device includes an identification code specific to a particular user and the method includes monitoring use of the sensing device in the computer system.

*Subj A4*  
10 16. A system for enabling navigation of a directory, including:  
a computer system for formatting a document with a list of directory entries corresponding to at least one node of an index of the directory and at least one user interactive element to enable a user to request further directory information;  
a printer for printing the document; and  
a sensing device for interacting with the element and transmitting request data  
15 to the computer system to facilitate the further information being sent from the computer system to the printer for printing in a further document.

*Subj C*  
17. A system as claimed in claim 16, wherein the further directory information includes a list of entries corresponding to at least one further node of the index.

*Subj A5*  
20 18. A system as claimed in claim 17, wherein the element is associated with an operation of moving to one of a first, previous, next or last node in the index.

*Subj C6*  
19. A system as claimed in claim 17, wherein the further directory information is  
25 printed on a double-sided page.

20. A system as claimed in claim 16, wherein the further directory information includes a list of further nodes in the directory.

*Sub A6*

21. A system as defined in claim 20, wherein the element is associated with an operation of moving to one of a parent, child or root node of the index.

*Sub A7*

5 22. A system as claimed in claim 16, wherein the element is associated with a search function to facilitate searching of the directory.

10 23. A system as claimed in claim 16, wherein the sensing device is adapted to select an individual entry in the document and the computer system is arranged to send details of the corresponding index node or directory object to the printer for printing.

24. A system as claimed in claim 14, wherein the document includes coded data indicative of an identity of the document and of the at least one interactive element.

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15 25. A system as claimed in claim 24, wherein the computer system is adapted to receive movement data regarding movement of the sensing device relative to the document and interpret said movement of the sensing device as it relates to said at least one element the sensing device, when moved relative to the document, sensing the data regarding said at least one element using at least some of the coded data and generating 20 the data regarding its own movement relative to the document.

26. A system as claimed in claim 25, wherein sensing device senses its own movement relative to the document using the coded data.

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25 27. A system as claimed in claim 16, wherein the sensing device includes an identification code specific to a particular user and the computer system is arranged to monitor the use of the sensing device.

28. A system as claimed in claim 16, wherein the sensing device includes a marking nib.

29. A system as claimed in claim 16, wherein the document is printed on a surface 5 of a surface-defining structure and wherein the printer prints the document on demand.

30. A system as claimed in claim 28, wherein the printer is arranged to print the coded data at the same time as printing the document on a surface-defining structure.

31. A system as claimed in claim 28, wherein the coded data is substantially 10 invisible in the visible spectrum.

32. The system as claimed in claim 28, including a database for keeping a retrievable record of each document generated, each document being retrievable by using 15 its identity, as included in its coded data.

33. The system as claimed in claim 16, wherein the printer includes a binding means for binding the document in the event the document includes a plurality of pages.

Sub A

Sub C

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